



US006487954B2

(12) **United States Patent**
Venier et al.

(10) Patent No.: **US 6,487,954 B2**
(45) Date of Patent: **Dec. 3, 2002**

(54) **PISTON DECELERATION SYSTEM**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 69 days.

(21) Appl. No.: **09/805,752**

(22) Filed: **Mar. 14, 2001**

(65) **Prior Publication Data**

US 2002/0129698 A1 Sep. 19, 2002

(51) Int. Cl.⁷ **F15B 15/22**

(52) U.S. Cl. **91/395; 92/85 B**

(58) Field of Search **91/395, 396, 408,
91/409; 92/85 B**

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(57) **ABSTRACT**

A piston deceleration system includes an elongated piston shaft having an intermediate stop member and a second stop member formed thereon. A piston member is slidably seated on the elongated shaft between the intermediate stop member and the second stop member. A tank member is provided having a first end surface with a first opening and a shaft aperture formed therein and a second end surface having a second opening formed therein. The piston shaft is slidably positioned into the tank member through at least the first end surface shaft aperture. A shaft shock absorbing member is positioned between the intermediate stop member and the piston member on the piston shaft, and a piston shock absorbing member is positioned between the piston member and the second end of the tank member.

11 Claims, 4 Drawing Sheets

